DisplayModule

USER MANUAL FOR DM-ADTAU-005 AND DM-ADTAU-006

Contents

1 Revision history

Date	Version	Changes
2015-07-28	1.0	First release

2 Preparations

This manual assume you have the following:

- Arduino UNO, DM-ADTAU-001, DM-ADTAU-005
- Latest Arduino IDE installed from http://arduino.cc/en/Main/Software

3   Install the Library

● Download the DMTftLibrary and unzip DmDrawBmp and DmTftLibrary to your Arduino library folder.

(On Windows it's usually C:\Users\<your name>\Documents\Arduino\libraries)
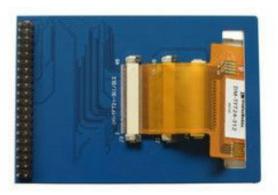
● Restart Arduino IDE, now you can find examples in the File->Examples->DmTftLibrary

4 Installation Steps

● Attach the suitable display panel to the DM-ADTAU-005 according the connector number. There are 9 kinds of display panel: DM-TFT18-308 (for J1 connector); DM-TFT18-309 and DM-TFT18-310 (for J1 connector); DM-TFT24-311 and DM-TFT24-312 (for J3 connector); DM-TFT24-313 and DM-TFT24-314 (for J4 connector); DM-TFT24-315 and DM-TFT24-316 (for J5 connector)

● Attach the DM-ADTAU-005 board to another adapter shield DM-ADTAU-001.

● Attach the DM-ADTAU-001 to the Arduino UNO and connect Arduino UNO to PC by usb cable. If everything is ok, the backlight is turn on default.

● Open a examples from Arduino IDE. Files → Examples → DmTftLibrary → DM-TFT24-312 → Test_all_features

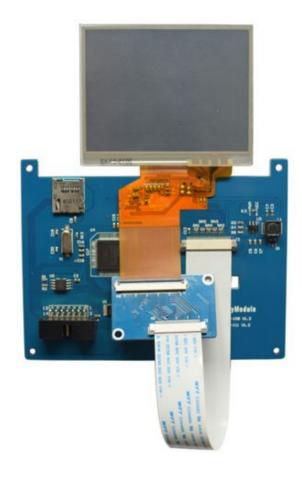● Upload the program to Arduino UNO then the display panel is working.

5   The Usage of DM-ADTAU-006

There are some steps for the usage of DM-ADTAU-006 adapter shield.

1.   Connect the display shield(DM-TFT43-108) to the DM-ADTAU-006 in J2 connector.

2.   Connect the display module(DM-TFT35-323 or DM-TFT35-324) to the DM-ADTAU-OO6 in J1 connector.

3.   The remaining steps are similar to DM-TFT43-108 module.